

# Recombinant Human ADP-Ribosylation Factor-Like 2 Binding Protein, His-tagged

**Cat. No.** ARL2BP-6904H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human GCA protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography. MW: 20.9 kDa.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	1-163aa
<b>Description</b>	ARL2BP is an effector of ADP-ribosylation factor-like 2 (ARL2) that is essential for nuclear retention of STAT3. This protein binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. Though predominantly cytosolic, ARL2BP can enter the mitochondria and bind the adenine nucleotide transporter when bound to ARL2. Thus it may also be involved in mitochondria transport and apoptosis.
<b>Form</b>	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol.
<b>Molecular Mass</b>	20.9 kDa (183aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MDALEGESFA LS FSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYLL EFEDTEENKL IYTPIFNEYI SLVEKYIEEQ LLQRIPEFNM AAFTTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	1.0 mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ARL2BP ADP-ribosylation factor-like 2 binding protein [ Homo sapiens ]</a>
<b>Official Symbol</b>	ARL2BP
<b>Synonyms</b>	ARL2BP; ADP-ribosylation factor-like 2 binding protein; ADP-ribosylation factor-like protein 2-binding protein; BART; BART1; binder of Arl2; binder of Arl Two; binder of ARF2 protein 1; ARF-like 2-binding protein; Arf-like 2 binding protein BART1;
<b>Gene ID</b>	<a href="#">23568</a>
<b>mRNA Refseq</b>	<a href="#">NM_012106</a>
<b>Protein Refseq</b>	<a href="#">NP_036238</a>
<b>UniProt ID</b>	<a href="#">Q9Y2Y0</a>
<b>Chromosome Location</b>	16q13
<b>Function</b>	protein binding; small GTPase regulator activity; transcription coactivator activity;

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